Lab ID : CP-RW-2017-09-03-01 **Date: 04-09-17**

Sample ID No : 2017-09-03-01-01

AFTER EXTRACTION(Trail-1)

Weight of Sample : 480 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-10(grading -2)
37.5	0	0	0	100.0	100
26.5	0	0	0.00	100.0	90-100
19	47	47	9.79	90.2	71-95
13.2	52.5	99.5	20.73	79.3	56-80
4.75	166.5	266	55.42	44.6	38-54
2.36	74.5	340.5	70.94	29.1	28-42
0.3	48	388.5	80.94	19.1	7-21
0.075	62.5	451	93.96	6.0	2-8

AFTER EXTRACTION(Trail-2)

Weight of Sample : 479 Grams

IS Sieve Size(mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Specification Limits as per MORTH specification Table 500-10(grading -2)
37.5	0	0	0	100.0	100
26.5	0	0	0.00	100.0	90-100
19	48	48	10.02	90.0	71-95
13.2	65	113	23.59	76.4	56-80
4.75	164	277	57.83	42.2	38-54
2.36	44	321	67.01	33.0	28-42
0.3	72	393	82.05	18.0	7-21
0.075	50	443	92.48	7.5	2-8

Note:-

The results pertain to the samples received and tested.
All information furnished by the Customer/ Representative.
Any correction in the report will make this report invalid.
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Samples will be disposed after 30 days from the date of issue of test certificate

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ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಟಿ.ದಾಸರಹಳ್ಳಿ ಉಪ-ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ ಗ್ರಾಮ ಪಂಚಾಯಿತಿ
ಬೆಂಗಳೂರು

FOR CIVIL Pro.
R KARTHIK RECHAN
Authorized Signatory
Quality Manager

End of Report

PHYSICAL REQUIREMENTS FOR COARSE AGGREGATE FOR BITUMINOUS CONCRETE

Lab ID	:	**CP-RW-2017-08-28-01** **Date: 31-08-17**
Customer	:	Asisstant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to Roads MEI Layout 11th, 13th, 14th, Main Road and Other Cross Roads in Bagalagunte in ward no.14.
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.
Customer Reference	:	BBMP/EE/DD/WO/028/2017-18
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	28-08-17
Sample ID No	:	2017-08-28-01-01
Type of Mix	:	BC (Bituminous Concrete)
Date of test	:	28-08-17

Table 500-16 : Physical Requirements fo Coarse Aggregate for Bituminous Concrete

Property	Test	Result	Specification	Method of Test
Partical Shape	Flakiness Index	12.4	Combined Flakiness & Elongation Index for BC is Maximum 35%	IS:2386 Part I
	Elongation Index	13.6		
Strength	Aggregate Impact Value	22.6	Maximum 24%	IS:2386 Part IV
Specific gravity	Specific gravity	2.66	Maximum 2.7	IS:2386 Part III
Water Absorption	Water Absorption	0.24	Maximum 2%	IS:2386 Part III

Note:

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ಬಾಗಲಗುಂಟೆ, ಬಿಬಿಎಂಪಿ
ಬೆಂಗಳೂರು

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R KARTHIK RECHAN
Authorized Signatory
Quallity Manager

End of Report

TEST RESULTS OF GRADATION FOR BC
IS 2386 (Part 1) 1963 (RA 2007)

Lab ID	:	**CP-RW-2017-08-28-01**	**Date: 30-08-17**
Customer	:	Asisstant Executive Engineer, T.Dasarahalli Sub Division, BBMP, Bangalore.	
Address	:	T.Dasarahalli Sub Division, BBMP, Bangalore.	
Project Name	:	Improvements to Roads MEI Layout 11th, 13th, 14th, Main Road and Other Cross Roads in Bagalagunte in ward no.14.	
Agency	:	Technical Manager (West), KRIDL, Project Implementation Unit, No.280, 59th Cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10.	
Customer Reference	:	BBMP/EE/DD/WO/028/2017-18	
Source of Sample	:	Sample supplied by Agency	
Sample Condition	:	Satisfactory	
Date of Receipt	:	28-08-17	
Sample ID No	:	2017-08-28-01-01	
Type of Mix	:	BC-Plant (Bituminous Concrete)	
Date of test	:	28-08-17	
Oven Dry Weight	:	5000	Grams

IS Sieve Size (mm)	Weight Retained (gm)	Comulative Weight Retained (gm)	Comulative % of Retained	Comulative % of Passing	Secified limits as per MORTH specification table 500-17(grading-2)
19	0	0	0.0	100.0	100
13.2	89	89	1.8	98.2	90-100
9.5	700	789	15.8	84.2	70-88
4.75	897	1686	33.7	66.3	53-71
2.36	580	2266	45.3	54.7	42-58
1.18	499	2765	55.3	44.7	34-48
0.6	495	3260	65.2	34.8	26-38
0.3	536	3796	75.9	24.1	18-28
0.15	450	4246	84.9	15.1	12-20
0.075	358	4604	92.1	7.9	4-10
PAN	396	5000	100	0.0	0

Note:
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Quality Manager

End of Report

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